08/957422

ABSTRACT OF THE DISCLOSURE

A block sequence compiler for compiling a sequence of audio and/or video blocks (e.g., audio tracks, MIDI, video clips, animation, etc.) suitable for producing one or more audio and/or video output sequences (i.e., audio, video, or multimedia) each having a duration corresponding to user-prescribed criteria. In a preferred embodiment, a user chooses an audio and/or video source segment from a predefined library and prescribes the duration of an audio and/or video sequence. Prior to depositing each audio and/or video segment in the library, the segment is partitioned into audio and/or video blocks that are identified in a corresponding characteristic data table with characteristics including (1) duration, (2) suitability for being used as a beginning or ending of an audio and/or video sequence, and (3) compatibility with each block. Using this characteristic table and the user-prescribed criteria, i.e., duration, the block sequence compiler generates a plurality of audio and/or video sequences satisfying the user-prescribed criteria which can be reviewed, e.g., played, and/or saved for future use.

//
//
//
//
//
//
//
//